

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000197118
PUBLICATION DATE : 14-07-00

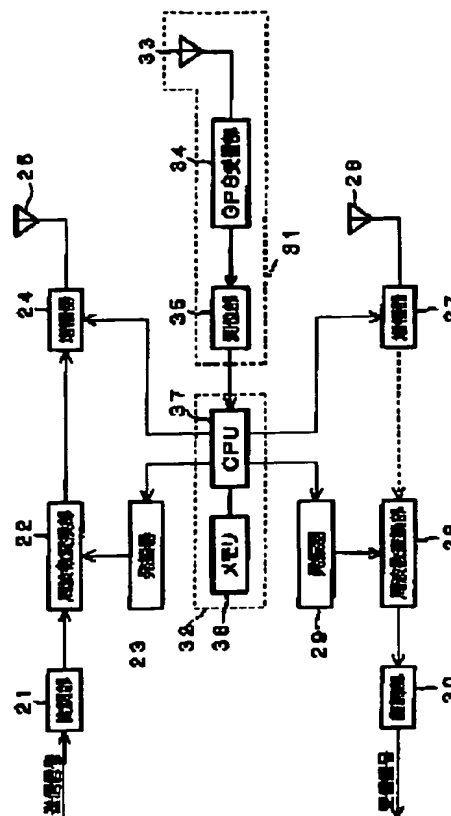
APPLICATION DATE : 24-12-98
APPLICATION NUMBER : 10367205

APPLICANT : TOSHIBA CORP;

INVENTOR : KINOSHITA TAKEHIRO;

INT.CL. : H04Q 7/38 H04B 1/04 H04B 1/16
H04B 1/40

TITLE : RADIO COMMUNICATION DEVICE
AND METHOD FOR SETTING
SPECIFICATION OF THE RADIO
COMMUNICATION DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a radio communication device that can automatically set specifications such as a frequency band and transmission power in response to the radio wave specification in an applied area.

SOLUTION: A position information detection section 31 receives a radio wave from a global positioning system GPS satellite by an antenna 33, and a GPS reception section 34 receives the radio wave. The GPS reception section 34 applies inverse spread processing to a signal that is sent from the GPS satellite and spectrum-spread to demodulate the signal and sends the demodulated signal to a position measurement section 35. The measurement section 35 extracts information relating to a position at which the radio communication unit is in use from the demodulated signal and outputs it to a CPU 37 of a specification control section 32. The CPU 37 accesses a memory 36 based on the position information sent from the position measurement section 35, reads a radio wave specification in matching with the area from the memory 36 to control the oscillated frequency of oscillators 23, 29 and to control gains of amplifiers 24, 27 for power control.

COPYRIGHT: (C)2000,JPO